



Certificate of Mailing:

The undersigned certifies that this correspondence is being sent via first-class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, this 4<sup>th</sup> day of October, 2004.

Linda S. Evans

Confirmation No. 5197

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dubin et al. Atty. Docket: ORT-1601  
Serial No.: 10/090,215 Art Unit: 1646  
Filed: March 4, 2002 Examiner: Prema Mertz  
For: DNA Encoding Human Vanilloid Receptor VR3

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

This Statement is supplemental to the Information Disclosure Statement dated March 4, 2002, filed with the above-identified application. Pursuant to 37 C.F.R. § 1.56 and in accordance with 37 C.F.R. §§ 1.97-1.98, Applicant submits the accompanying Form PTO-1449 citing references relating to the application.

This Statement is being filed under the provisions of 37 C.F.R. § 1.97(b)(3), i.e., before the mailing of a first Office Action on the merits. Accordingly, Applicant believes that no fee is due in connection with the filing of this Statement. If, however, any fees are required, please charge any necessary fees to Deposit Account No. 10-0750.

A copy of each of the references listed on the enclosed Form PTO-1449 is enclosed. Each reference is in the English language.

Also enclosed is a copy of an International Search Report dated June 28, 2001, from a counterpart PCT application.

This Statement should not be construed as an admission that any information provided herewith is material as that term is defined in 37 C.F.R. § 1.56(b) or that any of the cited references qualifies as prior art. This Statement should not be construed as a representation that a search has been made, or that information more material does not exist.

The Examiner is respectfully requested to initial the citations on the Form PTO-1449 to confirm consideration of each reference.

Respectfully submitted,

Date: October 4, 2004

  
Linda S. Evans  
Reg. No. 33,873

LSE/MDR  
Johnson & Johnson  
One Johnson & Johnson Plaza  
New Brunswick, New Jersey 08933-7003  
(858) 320-3406



FORM PTO-1449

**INFORMATION DISCLOSURE  
CITATION BY APPLICANT**

(Use several sheets if necessary)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

ORT-1601

SERIAL NO.

10/090,215

APPLICANT

Dubin et al.

FILING DATE

March 4, 2002

GROUP ART UNIT

1646

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	INVENTORS	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
US		6 4 5 5 2 7 8	Sept. 24, 2002	Dubin et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY/REGION	CLASS	SUBCLASS	TRANSLATION (if applicable)
WO		9 9 3 7 7 6 5	July 29, 1999	WIPO			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Barry, "JPCalc, A Software Package For Calculating Liquid Junction Potential Corrections In Patch-Clamp, Intracellular, Epithelial And Bilayer Measurements And For Correcting Junction Potential Measurements", <i>J. Neurosci. Methods</i> , Vol. 51, pp. 107-116 (1994).
	Blackstone et al, "Protein Targeting And Calcium Signaling Microdomains In Neuronal Cells", <i>Cell Calcium</i> , Vol. 26(5), pp. 181-192 (1999).
	Caterina et al., "The Capsaicin Receptor: A Heat-Activated Ion Channel In The Pain Pathway", <i>Nature</i> , Vol. 389, pp. 816-824 (1997).
	Dubin et al., "Lysophosphatidic Acid Stimulates Neurotransmitter-Like Conductance Changes That Precede GABA And L-glutamate In Early, Presumptive Cortical Neuroblasts", <i>J. Neurosci.</i> , Vol.19(4), pp. 1371-1381 (1999).
	Ecker et al., "Increasing Gene Expression In Yeast By Fusion To Ubiquitin", <i>J. Biol. Chem.</i> , Vol. 264(13), pp. 7715-7719 (1989).
	Horowitz et al., "Synthesis And Assembly Of Functional Mammalian Na,K-ATPase In Yeast", <i>J. Biol. Chem.</i> , Vol. 265(8), pp. 4189-4192 (1990).
	Jacobson et al., "Expression And Secretion Of Biologically Active Echistatin In <i>Saccharomyces cerevisiae</i> ", <i>Gene</i> , Vol. 85, pp. 511-516 (1989).
	Kaufman et al., "Amplification And Expression Of Sequences Cotransfected With A Modular Dihydrofolate Reductase Complementary DNA Gene", <i>J. Mol. Biol.</i> , Vol. 159, pp. 601-621 (1982).
	Kitts et al., "Linearization Of Baculovirus DNA Enhances The Recovery Of Recombinant Virus Expression Vectors", <i>Nucleic Acids Res.</i> , Vol. 18(19), pp. 5667-5672 (1990).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. ORT-1601	SERIAL NO. 10/090,215
INFORMATION DISCLOSURE CITATION BY APPLICANT (Use several sheets if necessary)		APPLICANT Dubin et al.	
		FILING DATE March 4, 2002	GROUP ART UNIT 1646

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	INVENTORS	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY/REGION	CLASS	SUBCLASS	TRANSLATION (if applicable)

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Kohler et al., "Continuous Cultures Of Fused Cells Secreting Antibody Of Predefined Specificity", <i>Nature</i> , Vol. 256, pp. 495-497 (1975).
	Lu et al., "A DNA Deletion Associated With Multiple Impaired Transcripts In The Visual Mutant TRP", <i>Invest. Ophthalmol. Visual Sci.</i> , Vol. 28, pp. 2092-2095 (1987).
	Luo et al., "Gene Expression Profiles Of Laser-Captured Adjacent Neuronal Subtypes", <i>Nat. Med.</i> , Vol. 5(1), pp. 117-121 (1999).
	McDonnell et al., "Reconstitution Of The Vitamin D-Responsive Osteocalcin Transcription Unit In <i>Saccharomyces cerevisiae</i> ", <i>Mol. Cell. Biol.</i> , Vol. 9(8), pp. 3517-3523 (1989).
	Mikayama et al., "Molecular Cloning And Functional Expression Of A cDNA Encoding Glycosylation-Inhibiting Factor", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90, pp. 10056-10060 (1993).
	Minke et al., "The Roles Of trp And Calcium In Regulating Photoreceptor Function In <i>Drosophila</i> ", <i>Curr. Opin. Neurobiol.</i> , Vol. 6(4), pp. 459-466 (1996).
	Riehl-Bellon et al., "Purification And Biochemical Characterization Of Recombinant Hirudin Produced By <i>Saccharomyces cerevisiae</i> ", <i>Biochemistry</i> , Vol. 28, pp. 2941-2949 (1989).
	Rinas et al., "Characterization of Recombinant Factor XIIIa Produced In <i>Saccharomyces cerevisiae</i> ", <i>Biotechnology</i> , Vol. 8, pp. 543-545 (1990).
	Sabin et al., "High-Level Expression And In Vivo Processing Of Chimeric Ubiquitin Fusion Proteins In <i>Saccharomyces cerevisiae</i> ", <i>Biotechnology</i> , Vol. 7, pp. 705-709 (1989).
	Siekevitz et al., "Activation Of The HIV-1 LTR By T Cell Mitogens And The Trans-Activator Protein Of HTLV-I", <i>Science</i> , Vol. 238(4833), pp.1575-1578 (1987).
	Sleep et al., "The Secretion Of Human Serum Albumin From The Yeast <i>Saccharomyces cerevisiae</i> Using Five Different Leader Sequences", <i>Biotechnology</i> , Vol. 8, pp. 42-46 (1990).
	Suzuki et al., "Cloning Of A Stretch-Inhibitable Nonselective Cation Channel", <i>J. Biol. Chem.</i> , Vol. 274(10), pp. 6330-6335 (1999).
	Szolcsanyi, "Actions Of Capsaicin On Sensory Receptors", <i>Capsaicin In The Study Of Pain</i> (Wood, ed.), Academic Press, London, UK, pp. 1-26 (1993).
	Szolcsanyi, "Resiniferatoxin. An Ultrapotent Neurotoxin Of Capsaicin-Sensitive Primary Afferent Neurons", <i>Ann. N. Y. Acad. Sci.</i> , Vol. 632, pp. 473-475 (1991).
	Van Haasteren et al., "Calcium Signaling And Gene Expression", <i>J. Recept. Signal Transduction Res.</i> , Vol. 19(1-4), pp. 481-492 (1999).

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 3 of 3

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.
<b>INFORMATION DISCLOSURE CITATION BY APPLICANT</b> (Use several sheets if necessary)		ORT-1601	10/090,215
		APPLICANT Dubin et al.	
		FILING DATE March 4, 2002	GROUP ART UNIT 1646

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY/REGION	CLASS	SUBCLASS	TRANSLATION (if applicable)

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.